

ABSTRACT

The forming of shapes using cement and/or concrete is an old art. In this process a form is removed, leaving the shape of the pattern which is the result of the form designed. Fluid concrete and/or cement can then be poured into the cavity to form the object. To increase the life of the forms, and to make removal of the form easier, the form must be coated with a protective material. Despite many available form release compounds, mineral seal oil, and a mixture of mineral seal and oleic acid, have been the commercial choices. A biodegradable form release composition including vegetable oil with a petroleum oil and/or an alcohol and a method of utilizing such a release composition to reduce adhesion between concrete and formwork or a mold is disclosed. The form release composition is biodegradable with a low VOC content.

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